ISIS - Feature #2373

Develop sumspice application that applies Gaskell control to ISIS cubes from SUMFILES

2015-11-18 04:52 PM - Kris Becker

Status:	Closed		
Priority:	Normal		
Assignee:	Jean Backer		
Category:	Applications		
Target version:	3.4.12 (FY16 R2 2016-03-17 Mar)		
Impact:	This new program will not impact other ISIS programs.	**Software Version:**	

Description

Bob Gaskell's DEM generation process using stereo photoclinometry techniques produces a SUMFILE for each image included in the control. These SUMFILEs contain, among other things, updated pointing and spacecraft position data from his control process. We want to take advantage of this data by applying it to the corresponding ISIS cube data used in our camera models. The sumspice application is being developed to apply the SUMFILE contents to internal ISIS camera model data thus providing image geometry consistent with his DEMs.

This application will initially be used for Dawn and Hayabusa restoration efforts currently underway.

History

#1 - 2015-11-24 07:49 AM - Stuart Sides

- Status changed from New to Assigned

#2 - 2015-12-23 08:45 AM - Jean Backer

- Status changed from Assigned to Resolved

- Impact updated

#3 - 2015-12-23 08:47 AM - Jean Backer

Unable to verify code test coverage since our coverage software is not currently working.

#4 - 2016-03-15 09:01 AM - Kris Becker

- Status changed from Resolved to Closed

Thanks, Jeannie...